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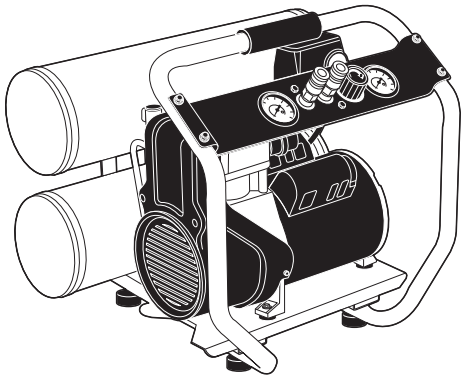
OPERATOR'S MANUAL



TWIN STACK PORTABLE AIR COMPRESSOR

⚠WARNING

Read and follow all Safety Rules before first use of this product.

IN610300AV

Printed in U.S.A.

Table of Contents

Section	Page
Table of Contents	2
Safety Instructions	3
Safety Signal Words	3
Before Using the Air Compressor	3
Spraying Precautions	5
Breathable Air Warning	5
Warning Labels	6
Motor Specifications and Electrical Requirements	7
Power Supply and Motor Specifications	7
General Electrical Connections	7
110-120 Volt, 60 Hz Tool Information	8
Extension Cords	9
Thermal Overload Protector	9
Glossary of Terms	9
Unpacking and Checking Content	10
Installation	10
Getting to Know Your Air Compressor	11
Regulated Outlet Gauge	11
Tank Pressure Gauge	11
Regulator Knob	12
Air Filter	12
ASME Safety Valve	12
Operating Your Air Compressor	13
For Trouble-Free Operation	13
Moisture in Compressed Air	13
Maintenance	13
Tank	14
Filter Removal, Inspection, and Replacement	15
Lubrication	15
Storage	15
Maintenance Schedule	15
Troubleshooting	16
Repair Parts	18
Notes	22
Warranty	24

Safety Instructions

This manual contains information that is very important to know and understand. This information is provided for SAFETY and to PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols.

Safety Signal Words

⚠DANGER Danger indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.

⚠WARNING Warning indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.

⚠CAUTION Caution indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury.

NOTICE Notice indicates important information, that if not followed, may cause damage to equipment.

Before Using the Air Compressor

Air compressors are utilized in a variety of air system applications. Because air compressors and other components (material pump, spray gun, filters, lubrications, hoses, etc.) used make up a high pressure pumping system, the following safety precautions should be observed at all times. Only persons well acquainted with these rules of safe operation should be allowed to use the air compressor.

⚠WARNING All electrical work should be done by a qualified (licensed or certified) electrician. On a properly wired circuit, the black wires supply a voltage potential even when the unit is off.

1. Read instruction manuals for each component carefully, before attempting to assemble, disassemble or operate your particular system.
2. Do not exceed pressure rating of any component in system.
3. Protect material lines and air lines from damage or puncture. Keep hose and power cable away from sharp objects, chemical spills, oil, solvents, and wet floors.
4. Never point a spray gun at oneself or any other person. Accidental discharge may result in serious injury.
5. Check hoses for weak or worn condition, before each use, making certain all connections are secure; do not use if deficiency is found. Notify an authorized service facility for examination or repair.
6. Release all pressures within system slowly; dust and debris may be harmful.

⚠WARNING Disconnect power and depressurize system before servicing air compressor! (Turn pressure regulator knob fully clockwise after shutting off compressor.)

7. Follow all local electrical and safety codes, as well as the National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).

Safety Instructions (continued)

8. Wiring and fuses should follow electrical codes, current capacity, and be properly grounded.
9. Electric motors must be securely and adequately grounded. See grounding instructions and extension cord information, in this manual.
10. Always disconnect power source before working on or near a motor, or its connected load. If power disconnect point is out-of-sight, lock it in the open position and tag to prevent unexpected application of power.
11. Guard all moving parts; keep visitors away. Never allow children in work area.
12. Use only a properly grounded outlet that will accept a three pronged plug, and wear shoes to prevent shock hazards.
13. Be careful when touching exterior of operating motor; it may be hot enough to cause injury.
14. Protect power cable from coming in contact with sharp objects.
15. Clean electrical or electronic equipment with an approved cleaning agent, such as dry, nonflammable cleaning solvent.
16. To avoid spontaneous combustion, discard waste rags into approved metal waste cans.
17. Never store flammable liquids or gases in vicinity of compressor.
18. When spraying with solvent of toxic chemicals, follow instructions provided by the chemical manufacturer.
19. Spray in a well ventilated area, to keep fumes from collecting and causing health and fire hazards.
20. Do not spray in vicinity of open flames or other places where a spark can cause ignition. Do not smoke when spraying paint, insecticides, or other flammable substances.
21. Use a respirator when spraying.
22. NEVER reset safety valve or pressure switch. Keep safety valve free from paint and other accumulations. This provides safety against over pressure.
23. Do regular maintenance; keep all nuts, bolts, and screws tight, to be sure equipment is in safe working condition .
24. Keep cleaning rags and other flammable waste materials in a tightly closed metal container and dispose of later in the proper fashion.
25. Drain tanks of moisture after each day's use. If unit will not be used for a while, it is best to leave drain cock open until such time as it is to be used. This will allow moisture to completely drain out and help prevent corrosion of inside of tank.
26. Inspect tank yearly for rust, pin holes or any other imperfections that could cause it to become unsafe. NEVER weld or drill holes in air tank.

Spraying Precautions

⚠WARNING

Do not spray flammable materials in vicinity of open flame or near ignition sources including the compressor unit.

1. Do not smoke when spraying paint, insecticides, or other flammable substances.
2. Use a face mask/respirator when spraying and spray in a well ventilated area to prevent health and fire hazards.

3. Do not direct paint or other sprayed material at the compressor. Locate compressor as far away from the spraying area as possible to minimize overspray accumulation on the compressor.
4. When spraying or cleaning with solvents or toxic chemicals, follow the instructions provided by the chemical manufacturer.

⚠DANGER

Breathable Air Warning

This compressor/pump is not equipped and should not be used "as is" to supply breathing quality air. For any application of air for human consumption, the air compressor/pump will need to be fitted with suitable in-line safety and alarm equipment. This additional equipment is necessary to properly filter and purify the air to meet minimal specifications for Grade D breathing as described in Compressed Gas Association Commodity Specification G 7.1 - 1966, OSHA 29 CFR 1910. 134, and/or Canadian Standards Associations (CSA).

DISCLAIMER OF WARRANTIES

In the event the compressor is used for the purpose of breathing air application and proper in-line safety and alarm equipment is not simultaneously used, existing warranties shall be voided, and Campbell Hausfeld disclaims any liability whatsoever for any loss, personal injury or damage.

Safety Instructions (continued)

Warning Labels

Find and read all warning labels found on the air compressor shown below

WARNING
DRAIN TANK EVERY DAY TO PREVENT CORROSION AND POSSIBLE INJURY DUE TO TANK DAMAGE.
AVERTISSEMENT
PURGER LE RESERVOIR QUOTIDIENNEMENT AFIN D'EVITER LA CORROSION ET LE RESQUE DE BLESSURES CAUSE PAR LE DOMMAGE AU RESERVOIR
ADVERTENCIA
DRENE EL TANQUE DIARIAMENTE PARA EVITAR QUE SE OXIDE Y EL RIESGO DE HARIDAS DEBIDO A UN TANQUE DANADO.
VALVE BELOW
AOUPAPE CI-DESSOUS
VALVULA ABAJO
TO OPEN
POUR OUVRIR
PARA ABIR
DK724200AV 1003

WARNING	AVERTISSEMENT	ADVERTENCIA
• READ INSTRUCTION MANUAL BEFORE OPERATING.	• LIRE LE MANUEL D'UTILISATION AVANT DE FAIRE FONCTIONNER LE MODÈLE.	• LEA EL MANUAL DE INSTRUCCIONES ANTE DE OPERAR.
• **RISK OF FIRE OR EXPLOSION** - DO NOT SPRAY COMBUSTIBLE/FLAMMABLE LIQUID IN A CONFINED AREA. SPRAY AREA MUST BE WELL VENTILATED. DO NOT SMOKE WHILE SPRAYING OR SPRAY WHERE SPARK OR FLAME IS PRESENT. ARCING PARTS - KEEP COMPRESSOR AT LEAST 20 FEET AWAY FROM SPRAYING AREA AND ALL EXPLOSIVE VAPORS.	• **RISQUE D'INCENDIE OU D'EXPLOSION** - NE PAS PULVÉRISER LES LIQUIDES COMBUSTIBLES/ INFLAMMABLES DANS UN ENDROIT CLOS. L'ENDROIT DE PULVÉRISATION DOIT ÊTRE BIEN VENTILÉ. NE PAS FUMER PENDANT LA PULVÉRISATION NI PULVÉRISER DANS L'ENDROIT D'UNE FLAMME OU D'UNE ÉTINCELLE. PIÈCES QUI PROJETTENT DES ÉTINCELLES - GARDER LE COMPRESSEUR AU MOINS 6,1 M DE L'ENDROIT DE PULVÉRISATION ET DE TOUTES VAPEURS EXPLOSIVES.	• **RIESGO DE INCENDIO O EXPLOSIÓN** - NO ROCÍE LÍQUIDOS COMBUSTIBLES/INFLAMABLES EN UN ÁREA ENCERRADA. EL ÁREA DE TRABAJO DEBE ESTAR BIEN VENTILADA. NO FUME MIENTRAS ESTÉ ROCIANDO NI ROCÍE CERCA DE CHISPAS O LLAMAS. PIEZAS QUE PRODUCEN ARCOS ELÉTRICOS-MANTENGA EL COMPRESOR AL MENOS A 6,1 M DE DISTANCIA DEL ÁREA DONDE ESTÉ ROCIANDO O DE DONDE HAYA CUALQUIER TIPO DE VAPORES EXPLOSIVOS.
• **RISK OF INJURY** - DO NOT DIRECT AIR STREAM AT BODY. USE EYE PROTECTION. COMPRESSOR STARTS AUTOMATICALLY. MOVING PARTS. DO NOT TOUCH. KEEP GUARDS IN PLACE. COMPRESSOR DOES NOT SUPPLY BREATHABLE AIR.	• **RISQUE DE BLESSURE** - NE PAS DIRIGER LE JET D'AIR VERS VOTRE CORPS. UTILISER LA PROTECTION OCULAIRE. LE COMPRESSEUR SE DÉMARRE AUTOMATIQUEMENT. PIÈCES MOBILES N'Y TOUCHEZ PAS. GARDER LES APPAREILS PROTECTEURS EN PLACE. LE COMPRESSUER NE FOURNIT PAS DE L'AIR RESPIRABLE.	• **RIESGO DE HERIDAS** - NO DIRIJA EL FLUJO DE AIRE DIRECTAMENTE AL CUERPO. PROTEJASE LA VISTA. EL COMPRESOR SE ENCIENDE AUTOMÁTICAMENTE. PIEZAS QUE SE MUEVEN. NO LAS TOQUE. MANTÉNGALAS PROTEGIDAS. EL COMPRESOR NO LE SUMINISTRA AIRE RESPIRABLE.
• **RISK OF BURSTING** - DO NOT ADJUST REGULATOR TO RESULT IN OUTPUT PRESSURE GREATER THAN MARKED MAXIMUM PRESSURE OF ATTACHMENT. IF A REGULATOR HAS NOT BEEN INSTALLED, USE ONLY ATTACHMENT RATED AT 200 PSI OR HIGHER. DO NOT WELD ON OR REPAIR TANK - REPLACE. DO NOT OPERATE WITHOUT PROPER ASME SAFETY VALVE IN PLACE.	• **RISQUE D' ÉCLATEMENT** - NE PAS AJUSTER LE RÉGULATEUR AFIN D'OBTENIR UNE PRESSION DE DÉCHARGE PLUS ÉLEVÉE QUE LA PRESSION MAXIMUM DE L'ACCESSOIRE. S'IL N'Y A PAS DE RÉGULATEUR, UTILISER SEULEMENT LES ACCESSOIRES QUI SONT CLASSIFIÉS À 1379 kPa OU PLUS. NE PAS SOUDER SUR/NI RÉPARER LE RÉSERVOIR - LE REMPLACER. NE PAS FAIRE FONCTIONNER SANS QU'IL Y AIT UNE SOUPAPE DE SURETÉ ASME EN PLACE.	• **RIESGO DE EXPLOSIÓN** - NO AJUSTE EL REGULADOR PARA OBTENER UNA PRESIÓN DE SALIDA SUPERIOR A LA INDICADA COMO PRESIÓN MÁXIMA DEL ACCESORIO. SI NO HA INSTALADO UN REGULADOR, USE SÓLO ACCESORIOS DI-SEÑADOS PARA PRESIONES DE 13,8 BAR O MÁS. NO SUELDE NI REPARE EL TANQUE - REEMPLÁCELO. NO LO OPERE SIN HABERLE INSTALADO UNA VÁLVULA DE SEGURIDAD ASME ADECUADA.
• **RISK OF ELECTRICAL SHOCK** - HAZARDOUS VOLTAGE. DISCONNECT FROM POWER SOURCE BEFORE SERVICING. COMPRESSOR MUST BE GROUNDED. DO NOT USE GROUNDING ADAPTORS. DO NOT EXPOSE TO RAIN. STORE INDOORS.	• **RISQUE DE SECOUSSE ÉLECTRIQUE** - TENSION HASARDEUSE. DÉBRANCHER DE LA SOURCE DE PUISSANCE AVANT DE PROCÉDER À L'ENTRETIEN. LE COMPRESSEUR DOIT ÊTRE MIS À LA TERRE. NE PAS UTILISER DES ADAPTATEURS DE MISE À LA TERRE. NE PAS EXPOSER À LA PLUIE. L'ENTREPOSER À L'INTÉRIEUR.	• **RIESGO DE CHOQUE ELÉTRICO** - VOLTAJE PELIGROSO: DESCONÉCTELO DEL TOMACORRIENTES ANTES DE DARLE SERVICIO. EL COMPRESOR SE DEBE CONECTAR A TIERRA. NO USE ADAPTADORES PARA CONECTARLO A TIERRA. NO LO DEJE A LA INTEMPERIE. ALMACÉNELO BAJO TECHO.
IF CONNECTED TO A CIRCUIT PROTECTED BY FUSES, USE TIME-DELAY FUSE MARKED "D".	SI BRANCHÉ À UN CIRCUIT PROTÉGÉ PAR DES FUSIBLES, UTILISER UNE FUSIBLE À RETARDEMENT MARQUÉE "D".	SI LO CONECTA A UN CIRCUITO PROTEGIDO CON FUSIBLES, USE FUSIBLES DE ACCIÓN RETARDADA TIPO "D".
COMPLIES WITH CCR462 (L)(2).	SE CONFORME AU CCR462 (L)(2).	CUMPLE CON LAS ESPECIFICACIONES CCR462 (L)(2). DK724100AV 1003

Figure 1

Motor Specifications and Electrical Requirements

Power Supply and Motor Specifications

⚠WARNING

To reduce the risk of electrical hazards, fire hazards or damage to the tool, use proper circuit protection. Your tool is wired at the factory for operation using the voltage shown. Connect tool to a power line with the appropriate voltage and a 15-amp branch circuit. Use a 15-amp time delay type fuse or circuit breaker. To reduce the risk of shock or fire, if power cord is worn or cut, or damaged in any way, have it replaced immediately.

The A-C motor used on this tool has the following specifications. It is wired at the factory for operation on 110V-120V AC, 60 Hz service.

	Wired for 120V
Rated HP	1 1/2
Voltage	110-120
Amperes	13
Hertz (Cycles)	60
Phase	Single
RPM	3450
Rotation of Shaft	Clockwise

General Electrical Connections

⚠DANGER

To reduce the risk of electrocution:

1. **Use only identical replacement parts when servicing. Servicing should be performed by a qualified technician.**
2. **Do not use in rain or where floor is wet. This too is intended for indoor residential use only.**

⚠WARNING

Do not permit fingers to touch the terminals of plug when installing or removing the plug to or from the outlet.

Motor Specifications and Electrical Requirements (continued)

110-120 volt, 60Hz Tool Information

The plug supplied on your tool may not fit into the outlet you are planning to use. Your local electrical code may require slightly different power cord plug connections. If these differences exist refer to and make the proper adjustments per you local code before your tool is plugged in and turned on.

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug, as shown. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided. If it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

If the grounding instructions are not completely understood, or if you are in doubt as to whether the tool is properly grounded check with a qualified electrician or service personnel.

⚠WARNING

If not properly grounded, this tool can cause an electrical shock, particularly when used in damp locations, in proximity of plumbing, or out of doors.

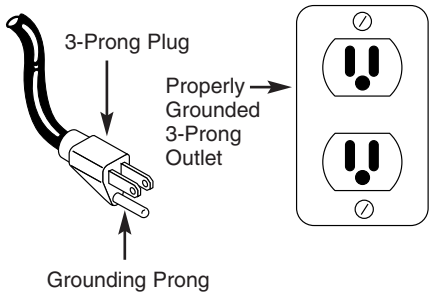


Figure 2

Extension Cords

1. The air compressor should be located where it can be directly plugged into an outlet. An extension cord should not be used with this unit.
2. To avoid loss of power and overheating, additional air hose must be used to reach work area instead of extension cords.

Thermal Overload Protector

⚠CAUTION

This compressor is equipped with an automatic reset thermal overload protector which will shut off motor if it becomes overheated.

If thermal overload protector shuts motor OFF frequently look for the following causes.

1. Low voltage.
2. Wrong gauge wire.
3. Clogged air filter.
4. Lack of proper ventilation.
5. Unit is being used with an extension cord.

See Troubleshooting Chart for corrective action.

⚠CAUTION

The motor must be allowed to cool down before start-up is possible. The motor will automatically restart without warning if left plugged into electrical outlet, if the motor is turned on.

Glossary of Terms

ASME Safety Valve
A safety valve that automatically releases the air if the air receiver (tank) pressure exceeds the preset maximum.

PSI (Pounds per Square Inch)
Measurement of the pressure exerted by the force of the air. The actual psi output is measured by a pressure gauge on the compressor

SCFM (Standard Cubic Feet per Minute)
Sometimes called CFM (Cubic Feet per Minute). Measurement of air volume delivered by the compressor.

Air Delivery
A combination of psi and SCFM. The air delivery required by a tool is stated as (number) SCFM at (number) psi. The combination of these figures determines what size unit is needed.

Air Tank Capacity
The volume of air stored in the tank and available for immediate use. A large tank allows the intermittent use of an air tool with an air requirement higher than the compressor's rated delivery.

Volts or Voltage
A measurement of the force of an electrical current.

Amps or Amperage
A measure of the electrical force minus the resistance on an electrical line. Ridgid air compressors require 15 amps for operation. Be sure the compressor will operate on an electrical line with the proper amps. If other appliances operate on the same line, the will reduce the available amps. If the amperage is not adequate, the result will be blown fuses or tripped circuits.

Regulator
A control that adjusts the line pressure to the proper amount needed to operate spray guns and air tools.

Tanks Pressure Gauge
Indicates tank pressure in psi.

Glossary of Terms (Continued)

Line Pressure Gauge
Displays the current line pressures. It is regulated by the regulator knob.

Cut-in/Cut-off Pressure
Specific psi at which a compressor starts and stops while refilling the air tank.

Unpacking and Checking Contents

1. Remove the air compressor from the carton.
2. Place the compressor on a secure, stationary work surface and look it over carefully.

⚠WARNING

Do not operate unit if damaged during shipping, handling or use. Damage may result in bursting and cause injury or property damage.

⚠WARNING

For your own safety, never operate unit until all assembly steps are complete and until you have read and understood the entire operator's manual.

⚠WARNING

To reduce the risk of injury, if any parts are missing, do not attempt to operate the air compressor until the missing parts are obtained and installed correctly.

Installation

1. Check and tighten all bolts, fittings, etc., before operating compressor.
2. Operate compressor in a ventilated area so that compressor may be properly cooled.
3. Compressor should be located where it can be directly plugged into an outlet. An extension cord should not be used with this unit.
4. To avoid loss of power and overheating, additional air hose must be used to reach work area instead of extension cords.

Getting to Know Your Air Compressor

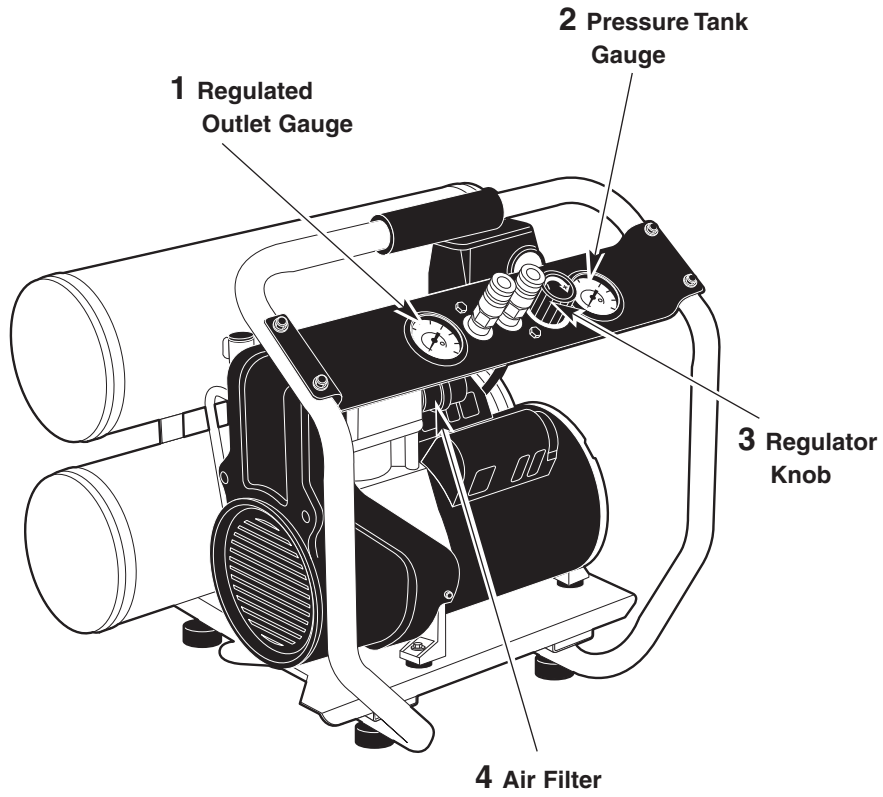


Figure 3

1. Regulated Outlet Gauge

1. This gauge shows at-a-glance, air pressure at outlet. Air pressure is measured in pounds per square inch (PSI). Most tools have maximum pressure ratings. Never exceed the maximum pressure rating of the tool you are using.
2. Be sure this gauge reads ZERO before changing air tools or disconnecting hose from outlet.

2. Tank Pressure Gauge

Gauge shows pressure in air receiver indicating compressor is building pressure properly.

Getting to Know Your Air Compressor (Continued)

3. Regulator Knob

1. This knob controls air pressure to an air operated tool or paint spray gun.
2. Turning knob clockwise increases air pressure at outlet.
3. Turning counterclockwise will lower air pressure at outlet.
4. Fully counterclockwise will shut off flow of air completely.

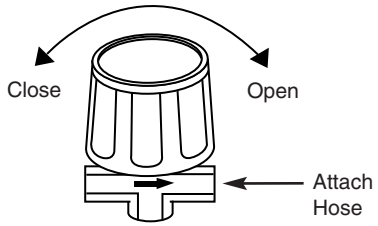


Figure 4

4. Air Filter

The air filter keeps dirt and debris from entering the compressor pump.

ASME Safety Valve

1. This valve automatically releases air if air receiver pressure exceeds preset maximum.

⚠DANGER

Do not attempt to tamper with this valve!

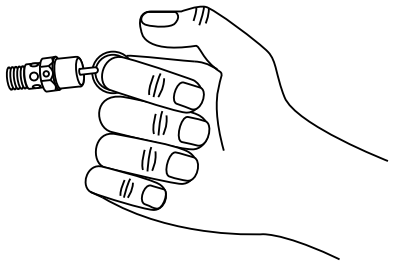


Figure 5

2. This valve should be checked occasionally by pulling the ring by hand. If air leaks after ring has been released, or valve is stuck and cannot be actuated by ring, it MUST be replaced.

Operating Your Air Compressor

For Trouble-Free Operation

1. Read instructions: Carefully read through this owner's manual BEFORE OPERATING the new air compressor. It contains information about operation and maintenance of unit.
2. Drain tank daily: Depressurize system prior to draining tank. Open tank drain valve and drain moisture from tank. This helps prevent tank corrosion and keeps oil and moisture out of the compressed air system. Be sure to close tank drain valve tightly before operating compressor.
3. Change air filter: Never run compressor without an air filter nor with a clogged air filter. Replace with a new filter when the element is dirty.

Moisture in Compressed Air

Moisture in compressed air will form into droplets as it comes from an air compressor pump. When humidity is high or when a compressor is in continuous use for an extended period of time, this moisture will collect in the tank. When using a paint spray or sandblast gun, this water will be carried from the tank through the hose, and out of the gun as droplets mixed with the spray material.

IMPORTANT: This condensation will cause water spots in a paint job, especially when spraying other than water based paints. If sandblasting, it will cause the sand to cake and clog the gun, rendering it ineffective.
A filter in the air line, located as near to the gun as possible, will help eliminate this moisture.

Maintenance

⚠WARNING

Release all pressure and disconnect power before making any repair.

1. Check compressor for any visible problems, especially check air filter to be sure it is clean.
2. Pull ring on safety valve and allow it to snap back to normal position.

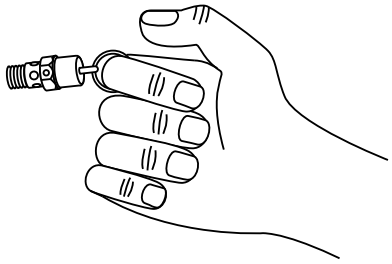


Figure 6

Maintenance (Continued)

⚠WARNING

Safety valve must be replaced if it cannot be actuated or it leaks air after ring is released.

3. Daily with compressor shut off: Depressurize system prior to draining tank. Drain moisture from tank by opening the tank drain valve underneath the tank.
4. Turn power OFF and clean dust and dirt from motor, tank, air lines and pump cooling fins.

NOTE: The air filter in the filter housing on the side of the head must be checked and cleaned periodically, more often if used under very dusty conditions or when a great deal of fog from spraying is allowed to circulate near unit.

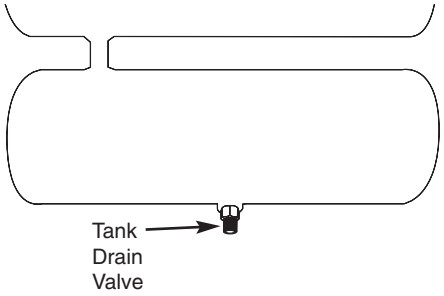


Figure 7

IMPORTANT: Unit should be located as far from spraying area as hose will allow to prevent over-spray from clogging filter.

Tank

⚠DANGER

Never attempt to repair or modify a tank! Welding, drilling or any other modification will weaken the tank resulting in damage from rupture or explosion. Always replace worn, cracked or damaged tanks.

NOTICE

Drain liquid from tank daily.

The tank should be carefully inspected at a minimum of once a year. Look for cracks forming near the welds. If a crack is detected, remove pressure from tank immediately and replace.

Filter Removal, Inspection and Replacement

To change a filter, pull off the filter housing cover. If filter element is dirty, replace element or entire filter.

Lubrication

This is an oilless type compressor requiring no lubrication.

Storage

1. When not in use, compressor should be stored in a cool dry place.
2. Tank should be drained of moisture.
3. Hose should be disconnected and hung open ends down to allow any moisture to drain.

Maintenance Schedule

Operation	Daily	Weekly
Drain Tank	●	
Check Air Filter		●
Check Safety Valve		●
Blow Dirt From Inside Motor		●

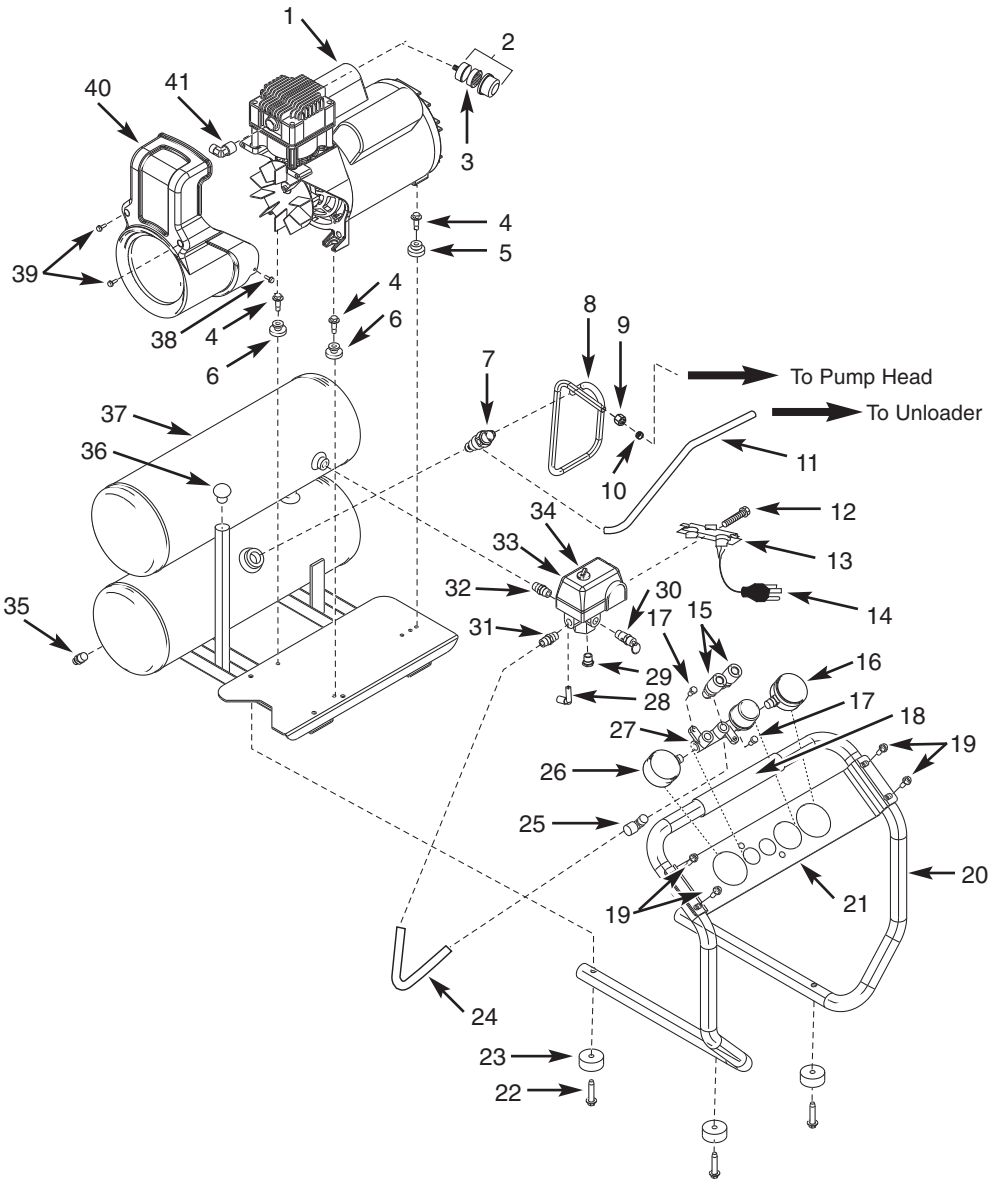
Troubleshooting

⚠WARNING

For your own safety do not try and run the air compressor while troubleshooting.

TROUBLE	PROBABLE CAUSE	REMEDY
Compressor will not run	1. Unit is plugged into extension cord 2. No electrical power 3. Blown fuse 4. Breaker open 5. Thermal overload open 6. Pressure switch bad	1. Remove extension cord 2. Plugged in? Check fuse/breaker or motor overload 3. Replace blown fuse 4. Reset, determining why problem happened 5. Motor will restart when cool 6. Replace
Motor hums but cannot run or runs slowly	1. Low voltage 2. Unit is plugged into extension cord 3. Shorted or open motor winding 4. Defective check valve or unloader	1. Check with voltmeter 2. Remove extension cord 3. Replace motor 4. Replace or repair
Fuses blow/circuit breaker trips repeatedly	1. Incorrect size fuse, circuit overloaded 2. Unit is plugged into extension cord 3. Defective check valve or under loader	1. Check for proper fuse, use time-delay fuse. Disconnect other electrical appliances from circuit or operate compressor on its own branch circuit 2. Remove extension cord 3. Replace or repair

TROUBLE	PROBABLE CAUSE	REMEDY
Thermal overload protector cuts out repeatedly	1. Low voltage 2. Clogged air filter 3. Lack of proper ventilation/room temperature too high 4. Unit is plugged into extension cord	1. Check with voltmeter 2. Clean filter (see Maintenance section) 3. Move compressor to well ventilated area 4. Remove extension cord
Air receiver pressure drops when compressor shuts off	1. Loose connections (fittings, tubing, etc.) 2. Loose drain lock 3. Check valve leaking	1. Check all connections with soap and water solution and tighten 2. Tighten 3. Disassemble check valve assembly, clean or replace **⚠DANGER** **Do not disassemble check valve with air in tank; bleed tank**
Excessive moisture in discharge air	1. Excessive water in air receiver 2. High humidity	1. Drain receiver 2. Move to area of less humidity; use air line filter
Compressor runs continuously	1. Defective pressure switch 2. Excessive air usage	1. Replace switch 2. Decrease air usage; compressor not large enough for a requirement
Compressor vibrates	Loose mounting bolts	Tighten
Air output lower than normal	1. Broken inlet valves 2. Intake filter dirty 3. Connections leaking	1. Have authorized service representative repair unit 2. Clean or replace intake filter 3. Tighten connections

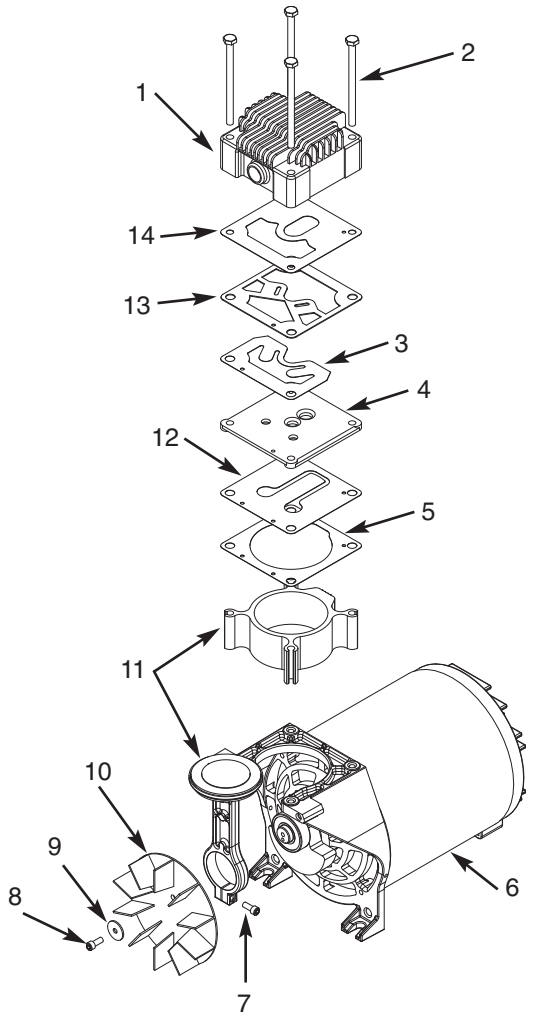


For Repair Parts, Call 1-800-4-RIDGID

Please provide following information:
-Model number
-Serial number (if any)
-Part description and number as shown in parts list

Key No	Part Number	Descriptons	Qty
1	WL373000AJ	Pump/motor assembly	1
2	WL012000AV	Filter	1
3	WL012300AV	Filter element	1
4	ST158000AV	Shoulder bolt	3
5	WL003202AV	Rubber bushing (Rear)	1
6	WL003203AV	Rubber bushing (Front)	2
7	CV222202AJ	Check valve	1
8	WL016200AP	● Exhaust tube	1
9	ST039700AV	● Nut	1
10	ST039800AV	● Ferrule	1
11	ST117802AV	1/4" Flexible tube	1
12	ST209800AV	Strain relief screw	1
13	CW209600AV	Strain relief	1
14	EC012600AV	Cord	1
15	HF203300AV	Coupler	2
16	GA016709AV	Tank gauge	1
17	ST085405AV	1/4"-20 x 1/2" Screw	2
18	WL012102AV	Grip	1
19	ST074415AV	1/4"-20 x 1/2" Thread cutting screw	4
20	WL020101AV	Roll bar	1
21	WL021301AV	Control panel bracket	1
22	ST073276AV	Foot screw	4
23	ST158300AV	Molded rubber bumper	4
24	WL021400AV	3/8" Nylon tube	1

Key No	Part Number	Descriptons	Qty
25	ST119704AV	3/8" 90° Push to connect	1
26	GA016705AV	Outlet gauge	1
27	WL017601AV	Regulator	1
28	CW210000AV	Unloader	1
29	ST022500AV	Plug	1
30	V-215106AV	150 psi Safety valve	1
31	ST119305AV	3/8" Push to connect	1
32	HF002401AV	Nipple	1
33	CW211700AV	Pressure switch cover	1
34	CW211300AJ	Pressure switch	1
35	D-1403	Tank drain valve	1
36	ST073612AV	Plug	1
37	AR052700CG	4.5 gal. twin tank	1
38	ST129301AV	Shroud screw	1
39	ST129302AV	Shroud screw	2
40	WL012406AV	Shroud	1
41	ST072224AV	Exhaust fitting	1
REPAIR PARTS KITS			
●	WL209308AJ	Exhaust tube kit (without check valve)	1



For Repair Parts, Call 1-800-4-RIDGID

Please provide following information:
-Model number
-Serial number (if any)
-Part description and number as shown in parts list

Key No	Part Number	Descriptons	Qty
1	WL010500AV	Head	1
2	●	Head bolts	4
3	▲	Exhaust valve	1
4	▲	Valve plate	1
5	XA012100AV	▲ Cylinder gasket	1
6	MC302300AJ	Motor assembly (includes eccentric/ bearing assembly)	1
7	(Included with piston assembly, Ref. No. 11)	M5 x .8 x 20 HH cap screw	1
8	■	M5 x .8 x 12 HHCS (L.H.)	1
9	■	Washer	1
10	■	Fan	1
11	WL210300AJ	Piston assembly (includes. #7)	1
12	▲	Intake valve	1
13	XA010800AV	▲ Head gasket	1
14	XA012001AV	▲ Discharge valve gasket	1
REPAIR PARTS KITS			
●	WL602801AJ	Head bolt kit (set of 4)	1
▲	WL201405AJ	Valve plate kit (Includes #2-5, 12-14)	1
■	WL209802AJ	Fan kit (includes #8-10)	1

Notes

Notes

RIDGID® AIR COMPRESSOR LIMITED THREE YEAR WARRANTY AND 90-DAY SATISFACTION GUARANTEE POLICY

This product is manufactured by The Campbell Group under a trademark license from Ridgid, Inc. All warranty communications should be directed to The Campbell Group, attn: RIDGID air compressor technical service at (toll free) 1-800-4-RIDGID.

90-DAY SATISFACTION GUARANTEE POLICY

During the first 90 days after the date of purchase, if you are dissatisfied with the performance of this RIDGID air compressor for any reason you may return the air compressor to the dealer from which it was purchased for a full refund or exchange. To receive a replacement air compressor you must present proof of purchase and return all original equipment packaged with the original product. The replacement air compressor will be covered by the limited warrant for the balance of the three-year warranty period.

WHAT IS COVERED UNDER THE LIMITED THREE YEAR WARRANTY

This warranty covers all defects in workmanship or materials in this RIDGID air compressor for the three-year period from the date of purchase. This warranty is specific to this air compressor. Warranties for other RIDGID products may vary.

HOW TO OBTAIN SERVICE

To obtain service for this RIDGID air compressor you must return it, freight prepaid, to a service center authorized to repair RIDGID air compressors. You may obtain the location of the service center nearest you by calling (toll free) 1-800-4-RIDGID or by logging on to the RIDGID website at www.ridgid.com. When requesting warranty service, you must present the proof of purchase documentation, which includes a date of purchase. The authorized service center will repair any faulty workmanship, and either repair or replace any defective part, at our option at no charge to you.

WHAT IS NOT COVERED

A. Implied warranties, including those of merchantability and FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED FROM THE DATE OF ORIGINAL PURCHASE AS STATED IN THE DURATION. If this compressor is used for commercial, industrial or rental purposes, the warranty will apply for ninety (90) days from the date of purchase. Extreme Duty Contractor Compressors are not limited to a ninety (90) day warranty when used in contractor applications. Four cylinder single-stage and two-stage compressors are not limited to a ninety (90) day warranty when used in commercial or industrial applications. Some States do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

B. ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE, OR MALFUNCTION OF THE CAMPBELL HAUSFELD PRODUCT. Some States do not allow the exclusion or limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

C. Any failure that results from an accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) supplied with compressor.

D. Pre-delivery service, i.e. assembly, oil or lubricants, and adjustment.

E. Items or service that are normally required to maintain the product, i.e. lubricants, filters and gaskets, etc.

F. Gasoline engines and components are expressly excluded from coverage under this limited warranty. The Purchaser must comply with the warranty given by the engine manufacturer which is supplied with the product.

G. Additional items not covered under this warranty:

1. All Compressors
   • Any component damaged in shipment or any failure caused by installing or operating unit under conditions not in accordance with installation and operation guidelines or damaged by contact with tools or surroundings. • Pump or valve failure caused by rain, excessive humidity, corrosive environments or other contaminants. • Cosmetic defects that do not interfere with compressor functionality. • Rusted tanks, including but not limited to rust due to improper drainage or corrosive environments. • Electric motors, check valves and pressure switches after the first year of ownership. • Drain cocks. • Damage due to incorrect voltage or improper wiring. • Other items not listed but considered general wear parts. • Pressure switches, air governors and safety valves modified from factory settings.
2. Lubricated Compressors
   • Pump wear or valve damage caused by using oil not specified. • Pump wear or valve damage caused by any oil contamination or by failure to follow proper oil maintenance guidelines.
3. Belt Drive / Direct Drive / Gas Driven Compressors
   • Belts. • Ring wear or valve damage from inadequate filter maintenance. • Manually adjusted load/unload and throttle control devices.

Catalog No. ###
Model No. OF45150 **Serial No. _____**
The model and serial numbers may be found on your unit. You should record both model and serial number in a safe place for future use.

ADDITIONAL LIMITATIONS

To the extent permitted by applicable law, all implied warranties, including warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, are disclaimed. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, that cannot be disclaimed under state law are limited to three years from the date of purchase. The Campbell Group is not responsible for direct, indirect, incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

QUESTIONS OR COMMENTS
CALL 1-800-4-RIDGID
www.ridgid.com

Please have your Model Number and Serial Number on hand when calling.

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Part No. ### Form No. ### Printed in U.S.A. 12/03